

GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: November 25, 2003, 16:26:09 / Search time 117.843 Seconds
(without alignments)
6943.065 Million cell updates/sec

Title: US-09-782-604-4
Perfect score: 20
Sequence: 1 cctgaagtaggaaccagatg 20

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 2888711 seqs, 2045481386 residues

Total number of hits satisfying chosen parameters: 5777422

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

GenEmbl:

- 1: gb_ba.*
- 2: gb_htg.*
- 3: gb_in.*
- 4: gb_om.*
- 5: gb_ov.*
- 6: gb_pat.*
- 7: gb_ph.*
- 8: gb_pl.*
- 9: gb_pr.*
- 10: gb_ro.*
- 11: gb_sts.*
- 12: gb_sy.*
- 13: gb_un.*
- 14: gb_vi.*
- 15: em_ba.*
- 16: em_fun.*
- 17: em_hum.*
- 18: em_in.*
- 19: em_mu.*
- 20: em_om.*
- 21: em_or.*
- 22: em_ov.*
- 23: em_pat.*
- 24: em_ph.*
- 25: em_pl.*
- 26: em_ro.*
- 27: em_sts.*
- 28: em_un.*
- 29: em_vi.*
- 30: em_htg_hum.*
- 31: em_htg_inv.*
- 32: em_htg_other.*
- 33: em_htg_mus.*
- 34: em_htg_pln.*
- 35: em_htg_rnd.*
- 36: em_htg_rnd.*
- 37: em_htg_vrt.*
- 38: em_sy.*
- 39: em_htgo_hum.*
- 40: em_htgo_mus.*
- 41: em_htgo_other.*

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	20	100.0	20	6	I34871 Sequence 14
2	20	100.0	27	6	A91898 Sequence 2
3	20	100.0	27	6	AR108364 Sequence
4	20	100.0	27	6	AR211356 Sequence
5	20	100.0	27	6	AX032401 Sequence
6	20	100.0	27	6	AX137492 Sequence
7	20	100.0	27	6	BD006890 Continuo
8	20	100.0	31	6	I15398 Sequence 20
9	20	100.0	43	6	I15393 Sequence 15
10	20	100.0	125	6	AX322457 Sequence
11	20	100.0	199	9	HS71A5F H. sapiens C
12	20	100.0	211	9	HS116A3F H. sapiens C
13	20	100.0	246	6	AX337116 Sequence
14	20	100.0	246	6	AX408642 Sequence
15	20	100.0	252	9	HS43F4F H. sapiens C
16	20	100.0	253	9	HS71A5R H. sapiens C
17	20	100.0	253	9	HS71A5R H. sapiens C
18	20	100.0	259	9	HS44C1F H. sapiens C
19	20	100.0	338	4	AF245496 Gufo gulo
20	20	100.0	359	5	AF192857 Pristipom
21	20	100.0	368	5	AF192838 Pristipom
22	20	100.0	378	5	AF192815 Pristipom
23	20	100.0	383	4	MSU95328 Murina suil
24	20	100.0	390	5	AF192807 Pristipom
25	20	100.0	390	5	AF192809 Pristipom
26	20	100.0	390	5	AF192834 Pristipom
27	20	100.0	390	5	AF192845 Pristipom
28	20	100.0	390	5	AF192854 Pristipom
29	20	100.0	390	5	AF192863 Pristipom
30	20	100.0	395	5	AF192828 Pristipom
31	20	100.0	397	5	AF192823 Pristipom
32	20	100.0	437	9	AB059867 Homo sapi
33	20	100.0	440	5	AF296498 Tilapia b
34	20	100.0	441	5	AF296503 Tilapia r
35	20	100.0	443	5	AF296504 Tilapia z
36	20	100.0	443	5	AF296505 Tilapia r
37	20	100.0	443	5	AF298554 Tilapia r
38	20	100.0	445	9	AB088389 Homo sapi
39	20	100.0	445	9	AB092654 Homo sapi
40	20	100.0	445	9	AB092655 Homo sapi
41	20	100.0	445	9	AB092657 Homo sapi
42	20	100.0	445	9	AB092658 Homo sapi
43	20	100.0	445	9	AB092659 Homo sapi
44	20	100.0	445	9	AB092660 Homo sapi
45	20	100.0	445	9	AB092661 Homo sapi

ALIGNMENTS

RESULT 1
I34871
LOCUS I34871 Sequence 14 from patent US 5599674. 20 bp DNA linear PAT 13-MAY-1997
DEFINITION I34871
ACCESSION I34871
VERSION I34871.1 GI:2087839
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Pena,S.D.J. and Simpson,A.J.G.
TITLE Fingerprinting using single specific primers in low stringency polymerase chain reaction conditions
JOURNAL Patent: US 5599674-A 14 04-FEB-1997;

```
FEATURES          Location/Qualifiers
source            1..20
BASE COUNT       7 a 4 c 6 g 3 t
ORIGIN

Query Match
Best Local Similarity 100.0%; Score 20; DB 6; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAAGTAGGAGACCATG 20
Db 1 CCTGAAGTAGGAGACCATG 20

RESULT 2
LOCUS A91898 27 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 2 from Patent EP0849364.
ACCESSION A91898
VERSION A91898.1 GI:6740771
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 27)
AUTHORS Paeabo,S.E. and Kilger,C.A.
TITLE Method for the direct, exponential amplification and sequencing of
JOURNAL DNA molecules and its application
PATENT: EP 0849364-A 2 24-JUN-1998;
BOEHRINGER MANNHEIM GMBH (DE)
FEATURES
source
Location/Qualifiers
1..27
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 9 a 5 c 7 g 6 t
ORIGIN

Query Match
Best Local Similarity 100.0%; Score 20; DB 6; Length 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAAGTAGGAGACCATG 20
Db 8 CCTGAAGTAGGAGACCATG 27

RESULT 3
LOCUS A9106364 27 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 2 from patent US 6107032.
ACCESSION A9106364
VERSION A9106364.1 GI:12820894
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 27)
AUTHORS Kilger,C. and Paeabo,S.
TITLE Method for the direct, exponential amplification and sequencing of
JOURNAL DNA molecules and its application
PATENT: US 6107032-A 2 22-AUG-2000;
FEATURES
source
Location/Qualifiers
1..27
/organism="unknown"
BASE COUNT 9 a 5 c 7 g 6 t
ORIGIN

Query Match
Best Local Similarity 100.0%; Score 20; DB 6; Length 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAAGTAGGAGACCATG 20
Db 8 CCTGAAGTAGGAGACCATG 27

RESULT 4
LOCUS A911356 27 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 2 from patent US 6399304.
ACCESSION A911356
VERSION A911356.1 GI:21514656
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 27)
AUTHORS Kilger,C. and Motz,M.
TITLE Sequential activation of one or more enzymatic activities within a
JOURNAL thermocycling reaction for synthesizing DNA molecules
PATENT: US 6399304-A 2 04-JUN-2002;
FEATURES
source
Location/Qualifiers
1..27
/organism="unknown"
BASE COUNT 9 a 5 c 7 g 6 t
ORIGIN

Query Match
Best Local Similarity 100.0%; Score 20; DB 6; Length 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAAGTAGGAGACCATG 20
Db 8 CCTGAAGTAGGAGACCATG 27

RESULT 5
LOCUS AX032401 27 bp DNA linear PAT 24-NOV-2000
DEFINITION Sequence 2 from Patent EP1004677.
ACCESSION AX032401 AX032407
VERSION AX032401.1 GI:10279374
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Paeabo,S.E. and Kilger,C.A.
TITLE Method for the direct, exponential amplification and
JOURNAL Patent: EP 1004677-A 2 31-MAY-2000;
ROCHE DIAGNOSTICS GMBH (DE)
COMMENT On Oct 15, 2002 this sequence version replaced gi:10279380.
FEATURES
source
Location/Qualifiers
1..27
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 9 a 5 c 7 g 6 t
ORIGIN

Query Match
Best Local Similarity 100.0%; Score 20; DB 6; Length 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAAGTAGGAGACCATG 20
Db 8 CCTGAAGTAGGAGACCATG 27

RESULT 6
LOCUS AX137492 27 bp DNA linear PAT 30-MAY-2001
DEFINITION Sequence 2 from Patent EP1091002.
ACCESSION AX137492
```